

# EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("4390841").PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/28 16:05
S2	5	("3532968"   "3971980"   "4289836"   "4295097").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/28 17:18
S3	64	("4390841").URPN.	USPAT	OR	ON	2008/07/28 17:20
S4	887	320/132.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 17:22
S5	1516	324/427-429,433,436.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 17:22
S6	2294	S4 S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/28 17:22
S7	58	extrapolat\$3 S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/07/28 17:24
S8	21791	mathematic\$5 near model	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/07/28 17:33
S9	16	S5 S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/07/28 17:33
S10	1	((BERND) near2 (FREY)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/28 17:34

## EAST Search History (Prior Art)

S11	18	((EBERHARD) near2 (SCHOCH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/28 17:34
S12	18	((EBERHARD) near2 (SCHOCH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/28 17:35
S13	25	((EBERHARD) near2 (SCHOCH)).INV.	EPO; JPO; DERWENT	OR	ON	2008/07/28 17:35
S14	2	("4390841").PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/23 14:51
S15	5	("3532968"   "3971980"   "4289836"   "4295097").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 14:51
S16	66	("4390841").URPN.	USPAT	OR	ON	2009/02/23 14:51
S17	949	320/132.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/23 14:51
S18	1551	324/427-429,433,436.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/23 14:51
S19	2374	S17 S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/23 14:51
S20	63	extrapolat\$3 S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 14:51
S21	23359	mathematic\$5 near model	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 14:51

## EAST Search History (Prior Art)

S22	18	S18 S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 14:51
S23	3	((BERND) near2 (FREY)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 14:51
S24	19	((EBERHARD) near2 (SCHOCH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 14:51
S25	19	((EBERHARD) near2 (SCHOCH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 14:51
S26	25	((EBERHARD) near2 (SCHOCH)).INV.	EPO; JPO; DERWENT	OR	ON	2009/02/23 14:51
S27	1488	battery near life near remain\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/02/23 15:08
S28	5	S21 S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/02/23 15:08
S29	3	("4186334").PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/23 19:20
S30	1040	battery remaining life\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/02/23 19:23
S31	1065	battery remain\$3 life\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/02/23 19:23
S32	23359	mathematic\$5 near model	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 19:24

## EAST Search History (Prior Art)

S33	3	S32 S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 19:24
S34	53254	battery life\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/02/23 19:25
S35	37516	battery life\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/23 19:25
S36	187	S32 S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 19:26
S37	949	320/132.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/23 19:28
S38	1551	324/427-429,433,436.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/23 19:28
S39	2374	S37 S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/23 19:28
S40	7	S36 S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 19:28
S41	5	("4390841"   "5652502"   "6534954"   "6832171"   "6892148").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 19:33

## EAST Search History (Prior Art)

S42	7543733	battery state health	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/23 19:34
S43	123	battery state health	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/23 19:34
S44	31	S39 S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 19:36
S45	2	("5,365,453").PN.	USPAT; USOCR; FPPS; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/23 19:44
S46	98	("5365453").URPN.	USPAT	OR	ON	2009/02/23 19:47
S47	5	("2864055"   "3946299"   "4743855"   "5119011").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 19:49
S48	2	"US 20080224676"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/02/24 10:48
S49	5966	service adj life battery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WIT H	ON	2009/02/28 16:56
S50	2392	service adj life battery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/28 16:56
S51	204	service adj life battery (predict\$ or estimat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAM E	ON	2009/02/28 16:57

# EAST Search History (Prior Art)

S52	119	service adj life battery (predict\$ or estimat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WIT H	ON	2009/02/28 16:57
S53	61	service adj life near battery (predict\$ or estimat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WIT H	ON	2009/02/28 16:58
S54	51	service adj life adj battery (predict\$ or estimat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WIT H	ON	2009/02/28 16:58
S55	950	320/132.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/28 16:58
S56	1551	324/427-429,433,436.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/28 16:58
S57	2375	S55 S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/28 16:58
S58	0	S54 S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WIT H	ON	2009/02/28 16:58
S59	17681	"320"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WIT H	ON	2009/02/28 16:58

## EAST Search History (Prior Art)

S60	157638	"324"/\$.ccds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/28 16:58
S61	67161	"429"/\$.ccds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/28 16:59
S62	240295	S59 S60 S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/28 16:59
S63	18	S54 S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/28 16:59
S64	1	10/247600	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/07 10:16
S65	30	((("20010022518") or ("5,754,029") or ("6,439,941") or ("6,659,934") or ("6,820,205") or ("6,177,879") or ("4,289,836") or ("5,406,188") or ("6,198,254") or ("4,595,880") or ("6,630,814") or ("5,652,569") or ("5,904,707") or ("6456041") or ("5,621,299"))). PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/07 10:29
S66	20	((EBERHARD) near2 (SCHOCH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/07 10:31
S67	1	S66 and extrapolat\$3 remain\$3 near lifetime	US-PGPUB; USPAT; USOCR	AND	ON	2009/09/07 10:34
S68	1	S66 and mathematic\$3 near model remain\$3 near lifetime	US-PGPUB; USPAT; USOCR	AND	ON	2009/09/07 10:35
S69	16	(battery or storage) and mathematic\$3 near model remain\$3 near lifetime	US-PGPUB; USPAT; USOCR	AND	ON	2009/09/07 10:36
S70	227	(battery or storage) and model remain\$3 near lifetime	US-PGPUB; USPAT; USOCR	AND	ON	2009/09/07 10:38

## EAST Search History (Prior Art)

S71	12	(battery or storage) near model remain\$3 near lifetime	US-PGPUB; USPAT; USOCR	AND	ON	2009/09/07 10:38
S72	9	(battery or storage) near remain\$3 near life with model	US-PGPUB; USPAT; USOCR	AND	ON	2009/09/08 09:22
S73	42	(battery or storage) near remain\$3 adj life same model	US-PGPUB; USPAT; USOCR	AND	ON	2009/09/08 09:23
S74	37	S73 not S72	US-PGPUB; USPAT; USOCR	AND	ON	2009/09/08 09:23
S75	2	("5,381,096").PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/08 09:29
S76	13	("3676770"   "3753094"   "4678998"   "4697134"   "4719427"   "4743855"   "4849700"   "4876513"   "4888716"   "4902956"   "4916438"   "4968942"   "5130659").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/08 09:31
S77	2	("4390841").PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/08 12:07
S78	5	("3532968"   "3971980"   "4289836"   "4295097").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/08 12:07
S79	67	("4390841").URPN.	USPAT	OR	ON	2009/09/08 12:07
S80	1013	320/132.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 12:07
S81	1595	324/427-429,433,436.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 12:07
S82	2466	S80 S81	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 12:07



# EAST Search History (Prior Art)

S83	66	extrapolat\$3 S82	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/09/08 12:07
S84	24935	mathematic\$5 near model	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/09/08 12:07
S85	20	S81 S84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/09/08 12:07
S86	3	((BERND) near2 (FREY)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/08 12:07
S87	20	((EBERHARD) near2 (SCHOCH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/08 12:07
S88	20	((EBERHARD) near2 (SCHOCH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/08 12:07
S89	25	((EBERHARD) near2 (SCHOCH)).INV.	EPO; JPO; DERWENT	OR	ON	2009/09/08 12:07
S90	2	("4390841").PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/08 12:07
S91	5	("3532968"   "3971980"   "4289836"   "4295097").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/08 12:07
S92	67	("4390841").URPN.	USPAT	OR	ON	2009/09/08 12:07
S93	1013	320/132.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 12:07
S94	1595	324/427-429,433,436.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 12:07

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S95	2466	S93 S94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 12:07
S96	66	extrapolat\$3 S95	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/09/08 12:07
S97	24935	mathematic\$5 near model	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/09/08 12:07
S98	20	S94 S97	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/09/08 12:07
S99	3	((BERND) near2 (FREY)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/08 12:07
S10 0	20	((EBERHARD) near2 (SCHOCH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/08 12:07
S10 1	20	((EBERHARD) near2 (SCHOCH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/08 12:07
S10 2	25	((EBERHARD) near2 (SCHOCH)).INV.	EPO; JPO; DERWENT	OR	ON	2009/09/08 12:07
S10 3	1621	battery near life near remain\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/08 12:07
S10 4	5	S97 S103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/08 12:07
S10 5	3	("4186334").PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/08 12:07

## EAST Search History (Prior Art)

S10 6	1167	battery remaining life\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/09/08 12:07
S10 7	1193	battery remain\$3 life\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/09/08 12:07
S10 8	24935	mathematic\$5 near model	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/09/08 12:07
S10 9	3	S108 S107	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/09/08 12:07
S11 0	57126	battery life\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/09/08 12:07
S11 1	40537	battery life\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/08 12:07
S11 2	202	S108 S111	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/09/08 12:07
S11 3	1013	320/132.cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 12:07

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S11 4	1595	324/427-429,433,436.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 12:07
S11 5	2466	S113 S114	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 12:07
S11 6	8	S112 S115	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/09/08 12:07
S11 7	5	("4390841"   "5652502"   "6534954"   "6832171"   "6892148").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/08 12:07
S11 8	7787356	battery state health	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 12:07
S11 9	137	battery state health	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/08 12:07
S12 0	34	S115 S119	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/09/08 12:07
S12 1	2	("5,365,453").PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/08 12:07
S12 2	104	("5365453").URPN.	USPAT	OR	ON	2009/09/08 12:07
S12 3	5	("2864055"   "3946299"   "4743855"   "5119011").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/08 12:07

## EAST Search History (Prior Art)

S12 4	2	"US 20080224676"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/09/08 12:07
S12 5	6411	service adj life battery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WIT H	ON	2009/09/08 12:07
S12 6	2582	service adj life battery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/08 12:07
S12 7	218	service adj life battery (predict\$ or estimat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAM E	ON	2009/09/08 12:07
S12 8	128	service adj life battery (predict\$ or estimat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WIT H	ON	2009/09/08 12:07
S12 9	67	service adj life near battery (predict\$ or estimat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WIT H	ON	2009/09/08 12:07
S13 0	57	service adj life adj battery (predict\$ or estimat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WIT H	ON	2009/09/08 12:07
S13 1	1013	320/132.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 12:07
S13 2	1595	324/427-429,433,436.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 12:07

## EAST Search History (Prior Art)

S13 3	2466	S131 S132	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 12:07
S13 4	0	S130 S133	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WIT H	ON	2009/09/08 12:07
S13 5	18506	"320"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WIT H	ON	2009/09/08 12:07
S13 6	160461	"324"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/09/08 12:07
S13 7	69487	"429"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/09/08 12:07
S13 8	246155	S135 S136 S137	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 12:07
S13 9	18	S130 S138	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/09/08 12:07
S14 0	1	10/247600	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/08 12:07

## EAST Search History (Prior Art)

S14 1	30	((("20010022518") or ("5,754,029") or ("6,439,941") or ("6,659,934") or ("6,820,205") or ("6,177,879") or ("4,289,836") or ("5,406,188") or ("6,198,254") or ("4,595,880") or ("6,630,814") or ("5,652,569") or ("5,904,707") or ("6456041") or ("5,621,299"))).PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/08 12:07
S14 2	20	((EBERHARD) near2 (SCHÖCH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/08 12:07
S14 3	1	S142 and extrapolat\$3 remain\$3 near lifetime	US-PGPUB; USPAT; USOCR	AND	ON	2009/09/08 12:07
S14 4	1	S142 and mathematic\$3 near model remain\$3 near lifetime	US-PGPUB; USPAT; USOCR	AND	ON	2009/09/08 12:07
S14 5	16	(battery or storage) and mathematic\$3 near model remain\$3 near lifetime	US-PGPUB; USPAT; USOCR	AND	ON	2009/09/08 12:07
S14 6	227	(battery or storage) and model remain\$3 near lifetime	US-PGPUB; USPAT; USOCR	AND	ON	2009/09/08 12:07
S14 7	12	(battery or storage) near model remain\$3 near lifetime	US-PGPUB; USPAT; USOCR	AND	ON	2009/09/08 12:07
S14 8	9	(battery or storage) near remain\$3 near life with model	US-PGPUB; USPAT; USOCR	AND	ON	2009/09/08 12:07
S14 9	42	(battery or storage) near remain\$3 adj life same model	US-PGPUB; USPAT; USOCR	AND	ON	2009/09/08 12:07
S15 0	37	S149 not S148	US-PGPUB; USPAT; USOCR	AND	ON	2009/09/08 12:07
S15 1	2	("5,381,096").PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/08 12:07
S15 2	13	("3676770"   "3753094"   "4678998"   "4697134"   "4719427"   "4743855"   "4849700"   "4876513"   "4888716"   "4902956"   "4916438"   "4968942"   "5130659").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/08 12:07
S15 3	21	((EBERHARD) near2 (SCHÖCH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/05 09:54

# EAST Search History (Prior Art)

S15 4	3	("4390841").PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/08 16:48
S15 5	5	("3532968"   "3971980"   "4289836"   "4295097").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/08 16:48
S15 6	69	("4390841").URPN.	USPAT	OR	ON	2010/02/08 16:48
S15 7	1072	320/132.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48
S15 8	1632	324/427-429,433,436.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48
S15 9	2550	S157 S158	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48
S16 0	70	extrapolat\$3 S159	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48
S16 1	26170	mathematic\$5 near model	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48
S16 2	24	S158 S161	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48
S16 3	4	((BERND) near2 (FREY)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/08 16:48
S16 4	21	((EBERHARD) near2 (SCHÖCH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/08 16:48



# EAST Search History (Prior Art)

S16 5	21	((EBERHARD) near2 (SCHOOH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/08 16:48
S16 6	25	((EBERHARD) near2 (SCHOOH)).INV.	EPO; JPO; DERWENT	OR	ON	2010/02/08 16:48
S16 7	3	("4390841").PN.	USPAT; USOCR; FPBS; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/08 16:48
S16 8	5	("3532968"   "3971980"   "4289836"   "4295097").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/08 16:48
S16 9	69	("4390841").URPN.	USPAT	OR	ON	2010/02/08 16:48
S17 0	1072	320/132.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48
S17 1	1632	324/427-429,433,436.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48
S17 2	2550	S170 S171	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48
S17 3	70	extrapolat\$3 S172	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48
S17 4	26170	mathematic\$5 near model	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48
S17 5	24	S171 S174	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48

## EAST Search History (Prior Art)

S17 6	4	((BERND) near2 (FREY)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/08 16:48
S17 7	21	((EBERHARD) near2 (SCHOCH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/08 16:48
S17 8	21	((EBERHARD) near2 (SCHOCH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/08 16:48
S17 9	25	((EBERHARD) near2 (SCHOCH)).INV.	EPO; JPO; DERWENT	OR	ON	2010/02/08 16:48
S18 0	1742	battery near life near remain\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/08 16:48
S18 1	5	S174 S180	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/08 16:48
S18 2	3	("4186334").PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/08 16:48
S18 3	1254	battery remaining life\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/08 16:48
S18 4	1282	battery remain\$3 life\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/08 16:48
S18 5	26170	mathematic\$5 near model	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48
S18 6	3	S185 S184	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48

## EAST Search History (Prior Art)

S18 7	59925	battery life\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/08 16:48
S18 8	42705	battery life\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/02/08 16:48
S18 9	215	S185 S188	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48
S19 0	1072	320/132.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48
S19 1	1632	324/427-429,433,436.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48
S19 2	2550	S190 S191	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48
S19 3	10	S189 S192	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48
S19 4	5	("4390841"   "5652502"   "6534954"   "6832171"   "6892148").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/08 16:48
S19 5	7987853	battery state health	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48

# EAST Search History (Prior Art)

S19 6	153	battery state health	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/02/08 16:48
S19 7	39	S192 S196	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48
S19 8	2	("5,365,453").PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/08 16:48
S19 9	112	("5365453").URPN.	USPAT	OR	ON	2010/02/08 16:48
S20 0	5	("2864055"   "3946299"   "4743855"   "5119011").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/08 16:48
S20 1	2	"US 20080224676"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/08 16:48
S20 2	6827	service adj life battery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WIT H	ON	2010/02/08 16:48
S20 3	2746	service adj life battery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/02/08 16:48
S20 4	231	service adj life battery (predict\$ or estimat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAM E	ON	2010/02/08 16:48
S20 5	138	service adj life battery (predict\$ or estimat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WIT H	ON	2010/02/08 16:48

## EAST Search History (Prior Art)

S20 6	70	service adj life near battery (predict\$ or estimat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WIT H	ON	2010/02/08 16:48
S20 7	60	service adj life adj battery (predict\$ or estimat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WIT H	ON	2010/02/08 16:48
S20 8	1072	320/132.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48
S20 9	1632	324/427-429,433,436.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48
S21 0	2550	S208 S209	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48
S21 1	0	S207 S210	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WIT H	ON	2010/02/08 16:48
S21 2	19213	"320"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WIT H	ON	2010/02/08 16:48
S21 3	162710	"324"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48

# EAST Search History (Prior Art)

S21 4	71385	"429"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48
S21 5	250919	S212 S213 S214	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48
S21 6	18	S207 S215	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48
S21 7	1	10/247600	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48
S21 8	30	((("20010022518") or ("5,754,029") or ("6,439,941") or ("6,659,934") or ("6,820,205") or ("6,177,879") or ("4,289,836") or ("5,406,188") or ("6,198,254") or ("4,595,880") or ("6,630,814") or ("5,652,569") or ("5,904,707") or ("6456041") or ("5,621,299"))). PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/08 16:48
S21 9	21	((EBERHARD) near2 (SCHOCH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/08 16:48
S22 0	1	S219 and extrapolat\$3 remain\$3 near lifetime	US-PGPUB; USPAT; USOCR	AND	ON	2010/02/08 16:48
S22 1	1	S219 and mathematic\$3 near model remain\$3 near lifetime	US-PGPUB; USPAT; USOCR	AND	ON	2010/02/08 16:48
S22 2	18	(battery or storage) and mathematic\$3 near model remain\$3 near lifetime	US-PGPUB; USPAT; USOCR	AND	ON	2010/02/08 16:48
S22 3	246	(battery or storage) and model remain\$3 near lifetime	US-PGPUB; USPAT; USOCR	AND	ON	2010/02/08 16:48
S22 4	15	(battery or storage) near model remain\$3 near lifetime	US-PGPUB; USPAT; USOCR	AND	ON	2010/02/08 16:48

## EAST Search History (Prior Art)

S22 5	9	(battery or storage) near remain\$3 near life with model	US-PGPUB; USPAT; USOCR	AND	ON	2010/02/08 16:48
S22 6	43	(battery or storage) near remain\$3 adj life same model	US-PGPUB; USPAT; USOCR	AND	ON	2010/02/08 16:48
S22 7	38	S226 not S225	US-PGPUB; USPAT; USOCR	AND	ON	2010/02/08 16:48
S22 8	2	("5,381,096").PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/08 16:48
S22 9	13	("3676770"   "3753094"   "4678998"   "4697134"   "4719427"   "4743855"   "4849700"   "4876513"   "4888716"   "4902956"   "4916438"   "4968942"   "5130659").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/08 16:48
S23 0	3	("4390841").PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/08 16:48
S23 1	5	("3532968"   "3971980"   "4289836"   "4295097").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/08 16:48
S23 2	69	("4390841").URPN.	USPAT	OR	ON	2010/02/08 16:48
S23 3	1072	320/132.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48
S23 4	1632	324/427-429,433,436.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48
S23 5	2550	S233 S234	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48

# EAST Search History (Prior Art)

S23 6	70	extrapolat\$3 S235	US-PGPUB; USPAT; USOCR; EPO, JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48
S23 7	26170	mathematic\$5 near model	US-PGPUB; USPAT; USOCR; EPO, JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48
S23 8	24	S234 S237	US-PGPUB; USPAT; USOCR; EPO, JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48
S23 9	4	((BERND) near2 (FREY)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/08 16:48
S24 0	21	((EBERHARD) near2 (SCHOCH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/08 16:48
S24 1	21	((EBERHARD) near2 (SCHOCH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/08 16:48
S24 2	25	((EBERHARD) near2 (SCHOCH)).INV.	EPO, JPO; DERWENT	OR	ON	2010/02/08 16:48
S24 3	3	("4390841").PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/08 16:48
S24 4	5	("3532968"   "3971980"   "4289836"   "4295097").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/08 16:48
S24 5	69	("4390841").URPN.	USPAT	OR	ON	2010/02/08 16:48
S24 6	1072	320/132.ccls.	US-PGPUB; USPAT; USOCR;	OR	ON	2010/02/08 16:48
S24 7	1632	324/427-429,433,436.ccls.	EPO, JPO; DERWENT; IBM_TDB US-PGPUB; USPAT; USOCR; EPO, JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48



# EAST Search History (Prior Art)

S24 8	2550	S246 S247	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48
S24 9	70	extrapolat\$3 S248	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48
S25 0	26170	mathematic\$5 near model	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48
S25 1	24	S247 S250	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48
S25 2	4	((BERND) near2 (FREY)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/08 16:48
S25 3	21	((EBERHARD) near2 (SCHOCH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/08 16:48
S25 4	21	((EBERHARD) near2 (SCHOCH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/08 16:48
S25 5	25	((EBERHARD) near2 (SCHOCH)).INV.	EPO; JPO; DERWENT	OR	ON	2010/02/08 16:48
S25 6	1742	battery near life near remain\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/08 16:48
S25 7	5	S250 S256	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/08 16:48
S25 8	3	("4186334").PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/08 16:48

## EAST Search History (Prior Art)

S25 9	1254	battery remaining life\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/08 16:48
S26 0	1282	battery remain\$3 life\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/08 16:48
S26 1	26170	mathematic\$5 near model	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48
S26 2	3	S261 S260	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48
S26 3	59925	battery life\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/02/08 16:48
S26 4	42705	battery life\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/02/08 16:48
S26 5	215	S261 S264	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48
S26 6	1072	320/132.cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48

## EAST Search History (Prior Art)

S26 7	1632	324/427-429,433,436.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48
S26 8	2550	S266 S267	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48
S26 9	10	S265 S268	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48
S27 0	5	("4390841"   "5652502"   "6534954"   "6832171"   "6892148").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/08 16:48
S27 1	7987853	battery state health	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48
S27 2	153	battery state health	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/02/08 16:48
S27 3	39	S268 S272	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48
S27 4	2	("5,365,453").PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/08 16:48
S27 5	112	("5365453").URPN.	USPAT	OR	ON	2010/02/08 16:48
S27 6	5	("2864055"   "3946299"   "4743855"   "5119011").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/08 16:48

## EAST Search History (Prior Art)

S27 7	2	"US 20080224676"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/08 16:48
S27 8	6827	service adj life battery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WIT H	ON	2010/02/08 16:48
S27 9	2746	service adj life battery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/02/08 16:48
S28 0	231	service adj life battery (predict\$ or estimat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAM E	ON	2010/02/08 16:48
S28 1	138	service adj life battery (predict\$ or estimat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WIT H	ON	2010/02/08 16:48
S28 2	70	service adj life near battery (predict\$ or estimat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WIT H	ON	2010/02/08 16:48
S28 3	60	service adj life adj battery (predict\$ or estimat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WIT H	ON	2010/02/08 16:48
S28 4	1072	320/132.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48
S28 5	1632	324/427-429,433,436.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48

## EAST Search History (Prior Art)

S28 6	2550	S284 S285	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48
S28 7	0	S283 S286	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WIT H	ON	2010/02/08 16:48
S28 8	19213	"320"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WIT H	ON	2010/02/08 16:48
S28 9	162710	"324"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48
S29 0	71385	"429"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48
S29 1	250919	S288 S289 S290	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48
S29 2	18	S283 S291	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/02/08 16:48
S29 3	1	10/247600	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 16:48

# EAST Search History (Prior Art)

S29 4	30	((("20010022518") or ("5,754,029") or ("6,439,941") or ("6,659,934") or ("6,820,205") or ("6,177,879") or ("4,289,836") or ("5,406,188") or ("6,198,254") or ("4,595,880") or ("6,630,814") or ("5,652,569") or ("5,904,707") or ("6456041") or ("5,621,299"))).PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/08 16:48
S29 5	21	((EBERHARD) near2 (SCHÖCH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/08 16:48
S29 6	1	S295 and extrapolat\$3 remain\$3 near lifetime	US-PGPUB; USPAT; USOCR	AND	ON	2010/02/08 16:48
S29 7	1	S295 and mathematic\$3 near model remain\$3 near lifetime	US-PGPUB; USPAT; USOCR	AND	ON	2010/02/08 16:48
S29 8	18	(battery or storage) and mathematic\$3 near model remain\$3 near lifetime	US-PGPUB; USPAT; USOCR	AND	ON	2010/02/08 16:48
S29 9	246	(battery or storage) and model remain\$3 near lifetime	US-PGPUB; USPAT; USOCR	AND	ON	2010/02/08 16:48
S30 0	15	(battery or storage) near model remain\$3 near lifetime	US-PGPUB; USPAT; USOCR	AND	ON	2010/02/08 16:48
S30 1	9	(battery or storage) near remain\$3 near life with model	US-PGPUB; USPAT; USOCR	AND	ON	2010/02/08 16:48
S30 2	43	(battery or storage) near remain\$3 adj life same model	US-PGPUB; USPAT; USOCR	AND	ON	2010/02/08 16:48
S30 3	38	S302 not S301	US-PGPUB; USPAT; USOCR	AND	ON	2010/02/08 16:48
S30 4	2	("5,381,096").PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/08 16:48
S30 5	13	("3676770"   "3753094"   "4678998"   "4697134"   "4719427"   "4743855"   "4849700"   "4876513"   "4888716"   "4902956"   "4916438"   "4968942"   "5130659").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/08 16:48
S30 6	21	((EBERHARD) near2 (SCHÖCH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/08 16:48

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S307	376	324/427.ccls.	USPAT; UPAD	OR	ON	2010/02/08 15:51